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AI-assisted ECG reading takes top prize from Taiwan's T+ MedIC Medical Innovation Accelerator

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AI-assisted ECG interpretation and a multimodal preventive screening platform take top honors among 14 finalist teams



An AI tool that helps clinicians read electrocardiograms (ECG) and a screening platform that pairs low-dose chest CT with artificial intelligence (AI) won the top prizes at the first final round of the T+ MedIC Accelerator, a health-tech accelerator that brings together a private and a public medical center in Taiwan.

The accelerator (T+ MedIC Accelerator,) was founded by MacKay Memorial Hospital and Tri-Service General Hospital (TSGH), in partnership with the Industrial Technology Research Institute (ITRI).

The top prize went to Xindian Zhiyi, a Tri-Service General Hospital team that uses AI to assist electrocardiogram analysis and interpretation, with the goal of improving disease detection and clinical decision-making.

Two teams shared second place. MacKay Memorial Hospital's Department of Digital Medicine won for a bone-age AI interpretation system that compares cases against real patient images and has already been used clinically more than 1,500 times.

A second Tri-Service team developed a dedicated connector for chemotherapy delivered through a urinary catheter, designed to make the procedure safer to handle and to reduce health care workers' exposure to chemotherapy drugs.

The organisers plan to invite more medical institutions to join, broadening cooperation across Taiwan's public and private health systems and building a path from identifying clinical needs through validation to commercialisation, with the aim of developing internationally competitive medical startups.